**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L1 | 435 | (FPGA OR field programmable gate array OR xilinx OR altera) same (debug OR test$4 OR probe OR probing) near4 (internal OR pin) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L2 | 3872 | 702/117-126.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L3 | 25 | L1 and L2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L4 | 27221 | (FPGA OR PGA OR programmable gate array) same (block OR slice) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L5 | 120 | L4 and L2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L6 | 59 | (xilinx OR altera).as. and (probe OR probing) same (FPGA OR PGA OR programmable gate array) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L7 | 59 | (xilinx OR altera).as. and (probe OR probing OR probes) same (FPGA OR PGA OR programmable gate array) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L8 | 12 | ("20040150089" \| "6351681"). PN. OR ("7133798").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/11/25 17:12 |
| L9 | 41 | (inapac).as. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/11/25 17:12 |

| L10 | 691 | "1149.1" same core | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L11 | 339 | "1149.1" same core same TAP | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L12 | 166 | L11 and (@prad<="20040219" OR @rlad<="20040219") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L13 | 2 | L11 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L14 | 111 | L11 and (@prad<="20040219" OR @rlad<="20040219") and (filter OR DSP OR chain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L15 | 78 | L11 and (@prad<="20040219" OR @rlad<="20040219") and (filter OR DSP) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L16 | 73 | L11 and (@prad<="20040219" OR @rlad<="20040219") and (chain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L17 | 299 | L10 and (@prad<="20040219" OR @rlad<="20040219") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L18 | 38 | L17 and chain near4 (processing OR processor OR core) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |

| L19 | 10 | electronic adj stream adj processing | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L20 | 5607 | 702/108-126.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L21 | 20 | L20 and ((loopback OR loop back) same transmitter same receiver) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L22 | 62 | (RF near6 (loopback OR loop back)) same test$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L23 | 225 | ((RF OR (radio frequency)) near6 (loopback OR loop back)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L24 | 54 | L23 and (system on a chip OR FPGA OR ASIC) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L25 | 53658 | (loopback OR loop back) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L26 | 106 | (loop$4 back OR loopback) same (FFT OR fourier OR demodulation OR interleav$4) same (test$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L27 | 21 | L26 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |

| L28 | 21 | (system on a chip) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L29 | 5368 | (system on a chip) OR (system-on-a-chip) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L30 | 174 | L29 and L25 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L31 | 36 | L30 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L32 | 174 | (loopback OR loop back OR loop-back) and ((system on a chip) OR (system-on-a-chip)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L33 | 36 | L32 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L34 | 26 | ("5963566" \| "5991898" \| "6249893").PN. OR ("6408412").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/11/25 17:12 |
| L35 | 13 | ("20020019962" \| "20020194560" \| "20040158789" \| "20050055615" \| "5710517" \| "5748124" \| "5905967" \| "6408412").PN. OR ("6925408").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/11/25 17:12 |
| L36 | 5 | (skellern and weste).in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/11/25 17:12 |
| L37 | 666 | L3 or L5 or L6 or L7 or L8 or L9 or L12 or L13 or L14 or L15 or L16 or L18 or L19 or L21 or L22 or L24 or L27 or L28 or L31 or L33 or L34 or L35 or L36 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |

| L38 | 11 | L37 and @pd>="20101025" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:12 |
| L39 | 5607 | 702/108-126.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L40 | 54 | L39 and (loopback OR loop back same transmitter same reciver) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L41 | 225 | ((RF OR (radio frequency)) near6 (loopback OR loop back)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L42 | 54 | L41 and (system on a chip OR FPGA OR ASIC) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L43 | 53658 | (loopback OR loop back) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L44 | 106 | (loop$4 back OR loopback) same (FFT OR fourier OR demodulation OR interleav$4) same (test$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L45 | 21 | L44 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L46 | 21 | (system on a chip) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |

| L47 | 5368 | (system on a chip) OR (system-on-a-chip) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L48 | 174 | L47 and L43 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L49 | 36 | L48 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L50 | 174 | (loopback OR loop back OR loop-back) and ((system on a chip) OR (system-on-a-chip)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L51 | 36 | L50 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L52 | 13 | (L37 OR L40 OR L41 OR L42 OR L44 or L45 or L46 or L49 or L51 or L3 or L5 or L6 or L7 or L15 or L18 OR L21 or L24 or L27 or L30 or L31 or L33 or L36)and @pd>="20101025" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L53 | 13 | (L37 OR L40 OR L41 OR L42 OR L44 or L45 or L46 or L49 or L51 or L3 or L5 or L6 or L7 or L15 or L18 OR L21 or L24 or L27 or L30 or L31 or L33 or L36) and @pd>="20101025" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:16 |
| L54 | 67 | (L37 OR L40 OR L41 OR L42 OR L44 or L45 or L46 or L49 or L51 or L3 or L5 or L6 or L7 or L15 or L18 OR L21 or L24 or L27 or L30 or L31 or L33 or L36) and @pd>="20100520" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/11/25 17:17 |
| S1 | 2 | "20030056165" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 12:05 |

| S2 | 12 | (boundry scan) same (test$4 OR prob$4 OR JTAG) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 12:06 |
| S3 | 14 | (boundry near2 scan) same (test $4 OR prob$4 OR JTAG) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 12:06 |
| S4 | 415 | (FPGA OR field programmable gate array OR xilinx OR altera) same (debug OR test$4 OR probe OR probing) near4 (internal OR pin) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 12:12 |
| S5 | 3695 | 702/117-126.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 12:34 |
| S6 | 24 | S4 and S5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 12:34 |
| S7 | 23707 | (FPGA OR PGA OR programmable gate array) same (block OR slice) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 12:41 |
| S8 | 112 | S7 and S5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 12:41 |
| S9 | 108 | (xilinx OR altera OR EMC OR texas instruments).as. and S5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 12:54 |
| S10 | 87 | S9 not (S6 or S8) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 12:54 |

| S11 | 9092 | (xilinx OR altera).as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 13:01 |
|-----|------|-------|------|-----|-----|------|
| S12 | 657 | (xilinx OR altera).as. and (tast $4 OR probe$4 OR JTAG) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 13:02 |
| S13 | 2395 | (xilinx OR altera).as. and (test OR testing OR probe OR probing OR JTAG) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 13:02 |
| S14 | 55 | (xilinx OR altera).as. and (probe OR probing) same (FPGA OR PGA OR programmable gate array) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 13:03 |
| S15 | 55 | (xilinx OR altera).as. and (probe OR probing OR probes) same (FPGA OR PGA OR programmable gate array) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/27 13:03 |
| S16 | 11 | ("20040150089" \| "6351681"). PN. OR ("7133798").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/27 13:27 |
| S17 | 2 | US-6205082-$.DID. OR US-6216240-$.DID. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/27 13:31 |
| S18 | 1 | (inpac).as. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/27 13:32 |
| S19 | 41 | (inapac).as. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/27 13:32 |
| S20 | 3766 | "1149.1" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/27 17:49 |
| S21 | 3 | "1149.1" and megacore | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/27 17:49 |
| S23 | 2 | "6324662".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 15:31 |
| S24 | 634 | "1149.1" same core | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 15:33 |

| S25 | 0 | "1149.1" same core same TAO | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 15:33 |
| S26 | 300 | "1149.1" same core same TAP | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 15:33 |
| S27 | 145 | S26 and (@prad<="20040219" OR @rlad<="20040219") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 15:35 |
| S28 | 2 | S26 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 15:43 |
| S29 | 95 | S26 and (@prad<="20040219" OR @rlad<="20040219") and (filter OR DSP OR chain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 15:43 |
| S30 | 65 | S26 and (@prad<="20040219" OR @rlad<="20040219") and (filter OR DSP) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 15:44 |
| S31 | 64 | S26 and (@prad<="20040219" OR @rlad<="20040219") and (chain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 15:46 |
| S32 | 270 | S24 and (@prad<="20040219" OR @rlad<="20040219") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 16:28 |
| S33 | 35 | S32 and chain near4 (processing OR processor OR core) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 16:29 |

| S34 | 10 | electronic adj stream adj processing | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 16:35 |
| S35 | 145 | ("20010004755" \| "20010005253" \| "20010024456" \| "20010043610" \| "20010052053" \| "20020016883" \| "20020049964" \| "20020054603" \| "20020062435" \| "20020071393" \| "20020083173" \| "20020107962" \| "20020124262" \| "20020174244" \| "20030210252" \| "20040015598" \| "20040049570" \| "20040148382" \| "20040148420" \| "20040172471" \| "20040172504" \| "20040213251" \| "20050060427" \| "20050061401" \| "20050066028" \| "20060036705" \| "20060090039" \| "20060153197" \| "20060159104" \| "20060215670" \| "20060215679" \| "20060225080" \| "20060282544" \| "20060292292" \| "20070008989" \| "20070074014" \| "20070110090" \| "20070256079" \| "20080072264" \| "4200927" \| "4707784" \| "4942518" \| "5023776" \| "5121383" \| "5166674" \| "5271000" \| "5291481" \| "5408464" \| "5465331" \| "5471598" \| "5521916" \| "5559970" \| "5619497" \| "5629937" \| "5634015" \| "5659797" \| "5675790" \| "5684797" \| "5708814" \| "5724565" \| "5737525" \| "5784649" \| "5784699" \| "5796966" \| "5809321" \| "5812810" \| "5835491" \| "5892966" \| | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/28 16:44 |

| | | "5893077" | "5896517" | "5918050" | "5951670" | "5951679" | "5978570" | "5978893" | "5983005" | "5987578" | "6009516" | "6016308" | "6023738" | "6047122" | "6058267" | "6067608" | "6070202" | "6073251" | "6088745" | "6131163" | "6151644" | "6155840" | "6157955" | "6169745" | "6173327" | "6188699" | "6195680" | "6219339" | "6219783" | "6223274" | "6226680" | "6247040" | "6247105" | "6249801" | "6249846" | "6253313" | "6263452" | "6377972" | "6381242" | "6389468" | "6393028" | "6412004" | "6438135" | "6453360" | "6460105").PN. OR ("6477562" | "6477580" | "6483804" | "6502213" | "6523109" | "6529515" | "6535905" | "6539476" | "6546366" | "6549996" | "6567839" | "6574230" | "6581102" | "6611724" | "6614796" | "6618820" | "6625808" | "6640248" | "6650640" | "6721794" | "6738371" | "6738378" | "6792509" | "6813268" | "6820087" | "6965982" | "7032226" | "7042887" | "7058065" | "7065096" | "7072972" | "7165257" | "7274659").PN. OR ("7644307"). URPN. | | | | |
|---|---|---|---|---|---|---|
| S37 | 0 | reconfigurable adj platform adj real-time adj embedded | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/28 17:53 |
| S38 | 0 | (sedcole and cheung).in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/28 17:53 |
| S39 | 2 | modular partial reconfiguration | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/28 17:56 |
| S40 | 1 | (sedcole).in. and FPGA | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/28 17:57 |
| S41 | 5368 | 702/108-126.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 18:36 |

| S48 | 19 | S41 and ((loopback OR loop back) same transmitter same receiver) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 18:37 |
| S49 | 194 | (RF near6 (loopback OR loop back)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 18:43 |
| S50 | 58 | (RF near6 (loopback OR loop back)) same test$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 18:43 |
| S51 | 212 | ((RF OR (radio frequency)) near6 (loopback OR loop back)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 18:49 |
| S52 | 50 | S51 and (system on a chip OR FPGA OR ASIC) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 18:49 |
| S53 | 327 | (loop$4 back OR loopback) same (RF OR baseband OR radio frequency OR intermediate frequency) same (test$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 18:56 |
| S54 | 0 | S53 and (system on a chip) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 18:57 |
| S55 | 2 | "5787114".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 19:35 |
| S56 | 2 | "5274668".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 19:38 |

| S57 | 17 | ("4688209" \| "4785464" \| "4866775" \| "4918623" \| "5010544").PN. OR ("5274668").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/28 19:41 |
|-----|----|-----|-----|-----|-----|-----|
| S58 | 50668 | (loopback OR loop back) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 19:51 |
| S59 | 98 | (loop$4 back OR loopback) same (FFT OR fourier OR demodulation OR interleav$4) same (test$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 19:53 |
| S60 | 21 | S59 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 19:54 |
| S61 | 0 | (loop$4 back OR loopback) and (system on a chip) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 19:56 |
| S62 | 21 | (system on a chip) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 19:56 |
| S63 | 4836 | (system on a chip) OR (system-on-a-chip) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 19:57 |
| S64 | 157 | S63 and S58 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 19:57 |
| S65 | 35 | S64 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 19:57 |

| S66 | 157 | (loopback OR loop back OR loop-back) and ((system on a chip) OR (system-on-a-chip)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 19:58 |
|-----|-----|------|------|-----|-----|-------|
| S67 | 35 | S66 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 19:58 |
| S68 | 2 | "6408412".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/04/28 20:12 |
| S69 | 24 | ("5963566" | "5991898" | "6249893").PN. OR ("6408412"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/28 20:13 |
| S70 | 13 | ("20020019962" | "20020194560" | "20040158789" | "20050055615" | "5710517" | "5748124" | "5905967" | "6408412").PN. OR ("6925408"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/28 20:15 |
| S71 | 5 | (skellern and weste).in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/28 20:51 |
| S72 | 2 | (docsis near2 "3.0").oref. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/29 12:02 |
| S78 | 430 | (FPGA OR field programmable gate array OR xilinx OR altera) same (debug OR test$4 OR probe OR probing) near4 (internal OR pin) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S79 | 3828 | 702/117-126.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S80 | 25 | S78 and S79 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |

| S81 | 26646 | (FPGA OR PGA OR programmable gate array) same (block OR slice) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S82 | 119 | S81 and S79 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S83 | 59 | (xilinx OR altera).as. and (probe OR probing) same (FPGA OR PGA OR programmable gate array) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S84 | 59 | (xilinx OR altera).as. and (probe OR probing OR probes) same (FPGA OR PGA OR programmable gate array) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S85 | 12 | ("20040150089" \| "6351681"). PN. OR ("7133798").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/10/25 18:16 |
| S86 | 41 | (inapac).as. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/10/25 18:16 |
| S87 | 678 | "1149.1" same core | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S88 | 330 | "1149.1" same core same TAP | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S89 | 159 | S88 and (@prad<="20040219" OR @rlad<="20040219") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S90 | 2 | S88 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |

| S91 | 105 | S88 and ((@prad<="20040219" OR @rlad<="20040219") and (filter OR DSP OR chain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
|-----|-----|---------------------------------|---------------------------------|-----|----|------------------|
| S92 | 73 | S88 and ((@prad<="20040219" OR @rlad<="20040219") and (filter OR DSP) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S93 | 71 | S88 and ((@prad<="20040219" OR @rlad<="20040219") and (chain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S94 | 291 | S87 and ((@prad<="20040219" OR @rlad<="20040219") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S95 | 38 | S94 and chain near4 (processing OR processor OR core) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S96 | 10 | electronic adj stream adj processing | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S97 | 5551 | 702/108-126.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S98 | 19 | S97 and ((loopback OR loop back) same transmitter same receiver) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S99 | 62 | (RF near6 (loopback OR loop back)) same test$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |

| S100 | 223 | ((RF OR (radio frequency)) near6 (loopback OR loop back)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
|------|-----|---|---|---|---|---|
| S101 | 53 | S100 and (system on a chip OR FPGA OR ASIC) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S102 | 53210 | (loopback OR loop back) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S103 | 106 | (loop$4 back OR loopback) same (FFT OR fourier OR demodulation OR interleav$4) same (test$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S104 | 21 | S103 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S105 | 21 | (system on a chip) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S106 | 5301 | (system on a chip) OR (system-on-a-chip) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S107 | 173 | S106 and S102 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S108 | 36 | S107 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |

| S109 | 173 | (loopback OR loop back OR loop-back) and ((system on a chip) OR (system-on-a-chip)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
|------|-----|------|------|------|------|------|
| S110 | 36 | S109 and (@prad<="20040219" OR @rlad<="20040219") and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S111 | 25 | ("5963566" | "5991898" | "6249893").PN. OR ("6408412"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/10/25 18:16 |
| S112 | 13 | ("20020019962" | "20020194560" | "20040158789" | "20050055615" | "5710517" | "5748124" | "5905967" | "6408412").PN. OR ("6925408"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/10/25 18:16 |
| S113 | 5 | (skellern and weste).in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/10/25 18:16 |
| S114 | 655 | S80 or S82 or S83 or S84 or S85 or S86 or S89 or S90 or S91 or S92 or S93 or S95 or S96 or S98 or S99 or S101 or S104 or S105 or S108 or S110 or S111 or S112 or S113 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:16 |
| S115 | 30 | S114 and @pd>="20100520" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:18 |

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